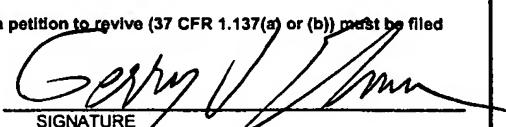


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER ULT1.LJ-25
INTERNATIONAL APPLICATION NO. PCT/US/2003/041850	INTERNATIONAL FILING DATE 31 December 2003	U.S. APPLICATION NUMBER Known, see 37 CFR 1.3 Na 107541001
PRIORITY DATE CLAIMED 31 December 2002		
TITLE OF INVENTION Transdermal Delivery using encapsulated agent activated by ultrasound and/or heat		
APPLICANT(S) FOR DO/EO/US Ludwig J. WEIMANN		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. <input checked="" type="checkbox"/> The US has been elected (Article 31). <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). <input checked="" type="checkbox"/> has been communicated by the International Bureau. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> <input type="checkbox"/> is attached hereto. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> have been communicated by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input type="checkbox"/> have not been made and will not be made. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). <input checked="" type="checkbox"/> An oath or declaration of the Inventor(s) (35 U.S.C. 371(c)(4)). <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 		
Items 11 to 20 below concern document(s) or information included:		
<ol style="list-style-type: none"> <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. <input type="checkbox"/> A preliminary amendment. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. <input type="checkbox"/> A substitute specification. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). <input type="checkbox"/> Other items or information: 		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known) (37 CFR 1.5)		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER	
NA		PCT/US2003/041850		ULT1.LU-21.1-US	
The following fees have been submitted					
21. <input checked="" type="checkbox"/> Basic national fee.....		\$300		CALCULATIONS PTO USE ONLY	
22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4).....		\$100 \$200		\$300.00	
All other situations.....					
23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....		\$100		\$200.00	
International Search Report prepared and provided to the Office.....		\$400			
All other situations.....		\$500			
TOTAL OF 21, 22 and 23 =				\$600.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	\$None	
- 100 =	/50 =		x \$250		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).				\$	
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE	\$
Total claims		62	- 20 = 40	x \$ 50	\$2,000.00
Independent claims		12	- 3 = 9	x \$200	\$1,800.00
MULTIPLE DEPENDENT CLAIM(S) (If applicable)				+ \$360	\$
				TOTAL OF ABOVE CALCULATIONS =	\$4,400.00
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.				2,200.00	
				SUBTOTAL =	\$2,200.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
				TOTAL NATIONAL FEE =	\$2,200.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	
				\$40.00	
				TOTAL FEES ENCLOSED =	\$2,240.00
				Amount to be refunded:	\$
				Amount to be charged:	\$
<p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>05-0845</u> in the amount of \$ <u>2,240.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>05-0845</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the international Application to pending status.					
SEND ALL CORRESPONDENCE TO: Customer no. 003775 Elman Technology Law, P.C. P.O. Box 209 Swarthmore, PA 19081-0209					
 SIGNATURE Gerry J. Elman NAME <u>24,404</u> REGISTRATION NUMBER					

JC17 Rec'd P~~O~~ PTO 28 JUN 2005

PTO-1390 (Rev. 02-2005)

Approved for use through 3/31/2007, OMB 0651-0021

Approved for use through 3/31/2007. GMB 005-10021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
to a collection of information unless it displays a valid OMB control number.

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

10541001

- a. A check in the amount of \$ _____ to cover the above fees is enclosed.
- b. Please charge my Deposit Account No. 05-0845 in the amount of \$ 2,240.00 to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 05-0845. A duplicate copy of this sheet is enclosed.
- d. Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Customer no. 003775

Elman Technology Law, P.C.

P.O. Box 209

FIG. BOX 200
Swarthmore PA 19081-0209

Gerry J. Elman
SIGNATURE
Gerry J. Elman
NAME
24,404
REGISTRATION NUMBER

10/541001

JC17 Rec'd PCT/PTO 28 JUN 2005

Patent and Trademark Office; U.S. DEPARTMENT

OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Certificate of Mailing under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as Express Mail in an envelope addressed to:

MAIL STOP PCT
Commissioner for Patents
P.O. Box 1450 Alexandria, VA 22313-1450

Label No.: ER 467 952 242 US

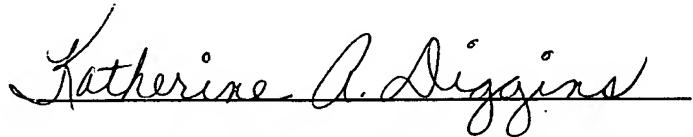
on

JUNE 28, 2005

This Certificate of Express	1	piece(s)
Acknowledgment postcard	1	piece(s)
PTO Form 1390	2	piece(s)
Inventor's Declaration	1	piece(s)
ADS	2	piece(s)
IDS and citation listing	4	piece(s)
Recordation Cover Sheet	1	piece(s)
True Copy of Assignment	4	piece(s)
1 foreign patent reference	14	piece(s)
Total pieces this submission	30	piece(s)

Sworn Statement under 18 U.S.C. Section 1001

The undersigned, Katherine A Diggins, hereby avers that all statements on this Certificate of Express Mailing are true pursuant to the provisions of and penalties under 18 U.S.C. Section 1001.



Katherine A. Diggins, Assistant to Gerry J. Elman, Reg. no. 24,404